BRUHAT BENGALURU MAHANAGARA PALIKE (BBMP)

Name of Work:-Construction of Market Building At JP Park in Ward No 17.

DETAILED ABSTRACT

Sl. No.	PARTICULARS	Total Cost in Rupees.
I	**CIVIL WORK**	
a	Civil works	5,44,45,496.00
II	**ELECTRICAL WORK**	
a	Internal Electrical Works	7,50,175.00
III	**PLUMBING & SANITARY WORKS**	
a	Internal plumbing and sanitary works	7,14,433.00
	Grand Total	**5,59,10,104.00**
	Savings Amount	**1,66,782.00**
	Grand total	**5,60,76,886.00**

Asst Engineer
RR Nagar Division (Project)
B.B.M.P.

Asst Exe Engineer
RR Nagar Division (Project)
B.B.M.P.

Executive Engineer
RR Nagar Division (Project)
B.B.M.P.

Modified Estimate

TECHNICAL SANCTION

Rs: 5,59,10,104/- Five Crore fifty Nine lacks Ten thousand one Hundred four only/- is accorded under the head: P-3493 Const of Market Building at JP park

By CE(R.R.N.) Page No - 45 - 49

Registered as CE (R.R.N) No... 156 ... subject to conditions contained in ... memo No: TS/156/21-22 Dated, 31/03/2022

D.A.

(R.R.N.)

Scanned by TapScanner

BRUHAT BENGALURU MAHANAGARA PALIKE (BBMP)

NAME OF WORK : CONSTRUCTION OF MARKET BUILDING AT J.P.PARK IN WARD NO.17.

MODIFIED ESTIMATE

CIVIL WORKS

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
	DEMOLITION WORK									
1	**KSRRB 200-8 clearing grubbing** road lane including up rooting rank vegitation , grass , brush , shrubs , sapling & trees of girth up to 300mm by manual means, in area of **light jungle** , removal of stumps , disposal of un serviceabale materials , stacking of serviceabale materials with in a lead of 100 mtr from road boundary , labour charges complete as per specifications									
	(P.No.136, I.No.18.11 of PW,P&IWTD S.R 2016-17)									
	Site area	Sqm	1	1	83.00	20.00	--	1660.00		
							Total Qty	**1660.00**		
						Qty upto 125%		**1660.00**	**7.00**	**11,620.00**
2	**KSRRB M200- 12.1 Dismanteling of** Exsisting structures like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scafflolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, complete as per specification 1.) Lime concrete/ Cement Concrete									
	KSRRB M200- 13.1 - do- II by mechanicaal means A cement Concrete Grade M 15- M20									
	(P.No.136, I.No.18.20 of PW,P&IWTD S.R 2016-17)									
	Building Near Drain 6.0 mt x5.5mts Roof Slab	Cum	1	1	6.00	5.50	0.150	4.95		
	Front staircases - 1		1	3.60		3.30	0.20	2.38		
			10	3.60	0.02			0.81		
	Front staircases - 2		1	2.10		3.30	0.20	1.39		
			10	2.10	0.02			0.47		
	Front staircases - 3		1	2.10		3.30	0.20	1.39		
			10	2.10	0.02			0.47		
	Front staircases - 4		1	2.10		3.30	0.20	1.39		
			10	2.10	0.02			0.47		
	Front staircases - 5		1	2.10		3.30	0.20	1.39		
			10	2.10	0.02			0.48		
							Total Qty	**15.58**		
						Qty upto 125%		**6.19**	**428.00**	**2,648.00**
						Qty above 125%		**9.39**	**428.00**	**4,019.00**
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications.KSRRB M200-14.2. –do– Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202									
	(P.No.137, I.No.18.23 of PW,P&IWTD S.R 2016-17)	Cum								
	Building			3	6.00	0.23	3.100	**12.83**		
				2	8.20	0.20	2.400	**7.87**		
							Total Qty	**20.71**		
						Qty upto 125%		**8.63**	**303.00**	**2,613.00**
						Qty above 125%		**12.08**	**302.92**	**3,659.00**
4	**KSRRB M200- 12.1 Dismanteling of Exsisting structures** like Culverts, Bridges, retaining wall & other structures compraising of masanry, cement concrete, wood work, steel work including T& P and scafflolding wherever necessary, sorting the Dismentalled metrial,disposoble of unserviceble material & stacking servicable material with lead of 1000 mts, B13complete as per specification !!!) Dismanteling of Stone masonary MORTH Specification 202									
	KSRRB M200- 15.2 - do- B Rubble Stone masonary in Cement Morter	Cum								
	(P.No.137, I.No.18.27 of PW,P&IWTD S.R 2016-17)									
	Foundation	1	1	1	23.00	0.60	0.600	8.28		
	Piers	1		1	23.10	0.45	0.450	4.68		
	Deductions							0.02		
							Total Qty	**12.94**	**303.00**	**3,920.00**
	EARTH WORK									
5	Earthwork in surface excavation in **ordinary soil** for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeeding 50 m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and nealty dressed as per specifications									
	(P.No.5, I.No.2.1 of PW,P & IWTD S.R 2016-17)									
	Overall area	Cum		1	80.00	20.00	0.150	240.00		
							Total Qty	**240.00**		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SR Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
						Qty upto 125%		200.00	195.00	39,000.00
						Qty above 125%		40.00	194.90	7,796.00
6	KSRB -2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.									
	(P.No.5, I.No.2.3 of PW,P & IWTD S.R 2016-17)									
	Ground floor	Cum								
	For Footings									
	F1			4	2.6	2.40	4.000	99.84		
	F2			16	2.8	2.60	4.000	465.92		
	F3			18	3	2.80	4.000	604.80		
	F4			10	3.2	3.00	4.000	384.00		
	F5			3	3.4	3.20	4.000	130.56		
	F6			6	3.6	3.40	4.000	293.76		
	F7			7	4	3.80	4.000	425.60		
			64							
	RCC Retaining Wall			1	145.00	2.00	4.500	1305.00		
	Deduct Column Footings Area			-40	2.40	2.20	0.900	190.08		
	For watersupply connection from bore well to OHT connection			1	58.75	1.05	0.90	55.52		
	For pannel board conduit			1.00	49.50	0.75	0.90	33.41		
	Front - east face along the building side		1	92.50	1.50		0.60	83.25		
	Staircase Foundation			1	3.36	1.50	2.00	10.06		
								3701.64		
	Considered 80% of Total Qty						Total Qty	2961.31		
						Qty upto 125%		1648.49	235.00	3,87,395.00
						Qty above 125%		1312.83	234.64	3,08,036.00
7	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width in **IN HARD SOIL** not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications.									
	(P.No.5, I.No.2.4 of PW,P & IWTD S.R 2016-17)									
								65.94		
							Qty	65.94	351.00	23,145.00
8	KSRB 3.2: Providing and injecting chemical emulsion for Pre-constructional **Anti-Termite Treatment,** creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor,along the external perimeter of building,expansion joints,over the top surface of consolidated earth on which apron is to be laid,surrounding of pipes and conduits with chloropyriphos emulsifiable concentrates of 20% concentration,including cost of chemical,diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications.(Plinth area of the building at ground floor only shall be measured) Specification No.KBS: 3.2.6 / 3.2.7									
	(P.No.9, I.No.3.2 of PW,P & IWTD S.R 2016-17)									
	Plinth area			1	58.00	15	--	870.00		
								870.00		
							Qty	870.00	128.00	1,11,360.00
9	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.									
	(P.No.5, I.No.2.15 of PW,P & IWTD S.R 2016-17)									
	Below Foundation -									
	F1			4	2.6	3.00	0.300	9.36		
	F2			16	2.8	2.70	0.300	36.29		
	F3			18	3	2.80	0.300	45.36		
	F4			10	3.2	3.00	0.300	28.80		
	F5			3	3.101	3.20	0.300	8.93		
	F6			6	3.6	3.40	0.300	22.03		
	F7		64	7	4	3.80	0.300	31.92		
	RCC Retaining Wall			1	149	2	0.300	89.40		
	Deduct Column Footings Area			-40	2.4	2.2	0.300	63.36		
	Front - east face along the building side		1	57.30	1.80		0.45	46.41		
								255.14		
							Qty	255.14	2624.00	6,69,498.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
10	KSRB 2.6 : Providing and filling sand in foundation upto plinth to required depth for sub soil treatment including watering ramming with all lead and lift complete as per specifications.									
	(P.No.6, I.No.2.13 of PW,P & IWTD S.R 2016-17)									
	Below Foundation- 2" thick									
	F1			4	2.1	2.50	0.050	1.05		
	F2			16	2.3	2.10	0.050	3.86		
	F3			18	2.5	2.30	0.050	5.18		
	F4			10	2.7	2.80	0.050	3.78		
	F5			3	3	3.50	0.050	1.58		
	F6			6	3	2.90	0.050	2.61		
	F7			7	3.6	3.90	0.050	4.91		
	RCC Retaining Wall			1	147.93	2.20	0.050	16.27		
	Deduct Column Footings Area			-40	2.3	1.5	0.050	6.90		
	Providing and Filling in foundation with granite / trap									
							Qty	32.34		
						Qty upto 125%		32.34	2651.00	85,734.00
11	KSRRB M300-53. **Construction of embankment** with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No. 305									
	(P.No.148, I.No.19.60 of PW,P & IWTD S.R 2016-17)									
	Filling of murrum up to plinth bottom level									
	For Shop Upto Drain top			1	82.00	18.5	1.500	2275.50		
				1	65.00	15	1.200	1170.00		
				1	10.00	14.8	0.800	118.40		
	Deductions							0.68		
							Qty	3563.22		
						Qty upto 125%		635.13	375.00	2,38,172.00
						Qty above 125%		2928.10	374.92	10,97,804.00
	PCC & RCC WORK									
12	KSRB 4-1.3 : Providing and laying in position **plain cement concrete** of mix **1:3:6** with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 5.75 cum machine mixed, concrete laid in layers not exceeding 15 cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification.									
	(P.No.12, I.No.4.2 of PW,P & IWTD S.R2016-17)									
	Ground floor									
	For Footings									
	F1			4	2.6	2.40	0.100	2.50		
	F2			16	2.8	2.40	0.150	16.13		
	F3			18	3	2.65	0.200	28.62		
	F4			10	3.2	3.00	0.200	19.20		
	F5			3	3.4	3.20	0.150	4.90		
	F6			6	3.7	3.65	0.150	12.15		
	F7			7	3.9	3.95	0.150	16.18		
	RCC Retaining Wall			1	143.00	1.80	0.150	38.61		
	Deduct Column Footings Area			-40	2.35	1.80	0.125	21.15		
	for floor area			1	838.04	--	0.125	104.76		
	For watersupply connection from bore well to OHT connection			1	45.00	1.05	0.15	7.09		
	For pannel board conduit			1.00	42.00	0.75	0.15	4.73		
	Front - east face along the building side		1	74.75	1.80		0.30	40.37		
						Qty		274.06		
						Qty upto 125%		239.88	6264.00	15,02,577.00
						Qty above 125%		34.19	6264.00	2,14,149.00
13	KSRB 4-1.6 : Providing and laying in **position plain cement concrete** of mix **M15** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggergates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification. Specification No. KBS 4.1, 4.2									
	(PWD SR 2016-17/P.No. 12/4.6)									
	Terrace Floor Water proofing Screed	Cum								
	On Second Floor roof			1	870.00		0.075	65.25		
	Terrace Parapet wall coping			1	101.00		0.100	10.10		
	Window Cills			2	144.00		0.100	28.80		
	Deductions							0.07		
								104.09		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
						Qty		104.09	6941.00	7,22,454.00
14	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6									
	(PWD SR 2016-17/P.No. 13/4.10)									
	Ground Floor									
	Lintels									
	Over Lift			1	1.20	0.20	0.450	0.11		
	Proposed Staircase - GF TO FF									
	For front staircases - 3									
	Foundation			1	1.80	0.90	0.450	0.73		
	Steps		0.5	24	1.50	0.30	0.150	0.81		
	Flight - 1			1	1.27	1.80	0.175	0.40		
	Flight - 2			1	2.60	1.80	0.175	0.82		
	Flight -3			1	1.27	1.80	0.175	0.40		
	Landing			2	1.50	1.50	0.175	0.79		
	Landing Beam			1	6.30	0.20	0.450	0.57		
	For front staircases - 2									
	Foundation			1	1.80	0.90	0.600	0.97		
	Steps		0.5	24	1.50	0.30	0.150	0.81		
	Flight - 1			1	1.27	1.80	0.175	0.40		
	Flight - 2			1	2.60	1.80	0.175	0.82		
	Flight -3			1	1.27	1.80	0.175	0.40		
	Landing			2	1.50	1.50	0.175	0.79		
	Landing Beam			1	6.30	0.20	0.450	0.57		
	For front staircases - 3									
	Foundation			1	1.80	0.90	0.600	0.97		
	Steps		0.5	24	1.50	0.30	0.150	0.81		
	Flight - 1			1	1.27	1.80	0.150	0.34		
	Flight - 2			1	2.60	1.80	0.175	0.82		
	Flight -3			1	1.27	1.80	0.175	0.40		
	Landing			2	1.50	1.50	0.175	0.79		
	Landing Beam			1	6.00	0.20	0.444	0.53		
								14.04		
						Qty		14.04		
						Qty upto 125%		5.63	7723.00	43,442.00
						Qty above 125%		8.42	7723.12	64,994.00
15	**First Floor**									
	Lintels									
	Over Lift			1	1.2	0.20	0.45	0.11		
	Proposed Staircase - FF TO SF									
	Flight - 1			1	1.27	1.8	0.175	0.40		
	Flight - 2			1	2.6	1.8	0.175	0.82		
	Flight -3			1	1.27	1.8	0.175	0.40		
	Landing			2	1.5	1.5	0.175	0.79		
	Landing Beam			1	6.3	0.2	0.45	0.57		
								3.08		
						Qty		3.50	7785.00	-
16	**Second Floor**							Not operated		
	Lintels									
	Through partion wall			1	50.00	0.10	0.150	0.75		
	Over windows									
	W1			36	2.30	0.20	0.200	3.31		
	W2			2	1.80	0.20	0.200	0.14		
	Ventilators			10	1.05	0.20	0.200	0.42		
	Proposed Staircase - SF TO THF									
	Steps		0.5	24	1.5	0.3	0.150	0.81		
	Flight - 1			1	1.27	1.8	0.175	0.40		
	Flight - 2			1	2.6	1.8	0.175	0.82		
	Flight -3			1	1.27	1.8	0.175	0.40		
	Landing			2	1.5	1.5	0.175	0.79		
	Landing Beam			1	6.3	0.2	0.450	0.57		
								8.41		
						Qty		8.50	7847.00	-
17	**Third Floor**							Not operated		
	Same as Second Floor Qty					Qty		8.50	7909.00	-
								Not operated		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		In Rs.	In Rs.
18	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges)									
	Ready mixed Cement concrete for Beams, Staircase and Roof with **M-30**									
	(P.No.18, I.No.4.49.3 of PW,P & IWTD S.R 2016-17)									
	Ground floor									
	Footings	**Cum**								
	F1			4	2.30	2.10	0.400	7.73		
	F2			16	2.50	2.30	0.400	36.80		
	F3			18	2.70	2.50	0.450	54.68		
	F4			10	2.90	2.70	0.500	39.15		
	F5			3	3.10	2.90	0.600	16.18		
	F6			6	3.30	3.10	0.600	36.83		
	F7			7	3.70	3.50	0.700	63.46		
	RCC Retaining Wall									
	Base Slab			1	145	1.5	0.350	76.13		
	Deduct Column Footings Area			-40	2.4	1.7	0.350	57.12		
	Retaining Wall			1	145.00	0.20	3.200	92.80		
	Deduct Column			40	0.30	0.20	3.200	7.68		
	Plinth Beams									
	Beam (200X450)									
	Total Length			1	296.50	0.20	0.450	26.69		
	Beam (230X450)									
	Total Length			2	2.50	0.23	0.450	0.52		
	Beam (300X450)									
	Total Length			1	160.00	0.30	0.450	21.60		
	Pedestals									
	Column-C1 (300X600)			36	0.45	0.75	1.000	12.15		
	Column-C2 (230X600)			4	0.38	0.75	1.000	1.14		
	For Column									
	Below Plinth									
	Column-C1 (300X600)			60	0.30	0.6	1.000	10.80		
	Column-C2 (230X600)			4	0.23	0.6	1.000	0.55		
	Column-C3 (300X300)			14	0.3	0.3	1.000	1.26		
	Above Plinth									
	Column-C1 (300X600)			60	0.30	0.60	2.550	27.54		
	Column-C2 (230X600)			4	0.23	0.60	2.550	1.41		
	Column-C3 (300X300)			14	0.30	0.30	2.550	3.21		
	Roof Beams									
	Beam (150X450)			1	24.00	0.15	0.300	1.08		
	Beam (200X450)			1	304.00	0.20	0.300	18.24		
	Beam (230X450)			1	2.00	0.23	0.300	0.14		
	Beam (300X450)			1	249.00	0.30	0.300	22.41		
	Roof slab									
	Total Area			1	57.90	15.00	0.150	130.28		
	Slab Projection Front			1	57.80	1.20	0.150	10.40		
	Slab Projection Side			1	4.80	1.20	0.150	0.86		
	Deduction									
	Stair case & Lift Portion area			1	6.45	3.00	0.150	2.90		
	Balcony projection			1	61.50	1.80	0.150	16.61		
	End beam			1	61.50	0.45	0.45	12.45		
	Backside chajja			1	61.50	0.6	0.15	5.54		
	Deductions							0.02		
						Qty upto 125%		**680.89**	**7750.00**	**52,76,900.00**
19	**First Floor**									
	Column									
	Column-C1 (300X600)			60	0.3	0.6	3.15	34.02		
	Column-C2 (230X600)			4	0.23	0.6	3.15	1.74		
	Column-C3 (300X300)			14	0.3	0.3	3.15	3.97		
	Roof Beams									
	Beam (150X450)			1	24.0	0.15	0.3	1.08		
	Beam (200X450)			1	304.0	0.20	0.3	18.24		
	Beam (230X450)			1	4.2	0.60	0.6	1.51		
	Beam (300X450)			1	249.0	0.30	0.3	22.41		
	Roof slab									
	Total Area			1	57.9	15	0.15	130.28		
	Cantilever Portico In front			1	6.60	2.50	0.150	2.48		
	Deduction									
	Stair case & Lift Portion area			1	6.45	3.049	0.15	2.95		
	Balcony projection			1	60.00	1.80	0.150	16.20		
	End beam			1	60.00	0.3	0.3	5.40		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
	Backside chajja			1	60.00	0.6	0.15	5.40		
						Qty upto 125%		**239.77**	**7750.00**	**18,58,215.00**
20	**Second Floor**									
	Column									
	Column-C1 (300X600)			60	0.3	0.6	3.150	34.02		
	Column-C2 (230X600)			4	0.23	0.5	3.150	1.45		
	Roof Beam									
	Beam (150X450)			1	24	0.3	0.45	3.24		
	Beam (200X450)			1	134.00	0.3	0.450	18.09		
	Beam (230X450)			2	10	0.3	0.450	2.70		
	Beam (300X450)			1	240	0.23	0.300	16.56		
	Roof slab									
	Total Area			1	57.85	15.00	0.150	130.16		
	Stair case & Lift Portion area			1	6.30	3.50	0.150	3.31		
	Balcony projection			1	60.00	1.80	0.150	16.20		
	End beam			1	60.00	0.3	0.75	13.50		
	Backside chajja			1	60.00	0.6	0.15	5.40		
								238.02		
						Qty upto 125%		**236.25**	**7750.00**	**18,30,937.00**
						Qty above 125%		**1.77**	**7750.43**	**13,687.00**
21	**Third Floor**									
	End beam			1	11.47	0.45	0.75	3.87		
	Same as First Floor Qty							238.02		
						Qty		241.89		
						Qty upto 125%		**236.25**	**7750.00**	**18,30,937.00**
						Qty above 125%		**5.64**	**7750.43**	**43,680.00**
22	**Terrace Floor**									
	Column									
	Column (300X600)			4	0.30	0.60	2.100	1.51		
	Column (230X600)			4	0.23	0.60	2.100	1.16		
	Terrece Floor Roof Beam									
	Beam (300X450) Total Length			1	29.80	0.30	0.300	2.68		
	Beam (230X450) Total Length			1	18.00	0.30	0.300	1.62		
	Terrece Floor Roof Slab									
	Area			1	7.00	7.00	0.150	7.35		
	End beam			1	25.08	0.45	0.75	8.46		
						Qty		**22.79**		
						Qty upto 125%		**18.13**	**7750.00**	**1,40,468.00**
						Qty above 125%		**4.66**	**7750.43**	**36,137.00**
	SHUTTERING WORK									
23	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for **Foundation , footing ,** bases of **columns** for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 -									
	(P.No.15, I.No.4.28 of PW,P & IWTD S.R 2016-17)									
	Footing	**Sqm**								
	F1			4	8.80	--	0.300	10.56		
	F2			16	9.60	--	0.300	46.08		
	F3			18	10.40	--	0.450	84.24		
	F4			10	11.20	--	0.500	56.00		
	F5			3	12.00	--	0.450	16.20		
	F6			6	12.00	--	0.600	43.20		
	F7			7	14.40	--	0.700	70.56		
	RCC Retaining Wall									
	Base Slab		2	1	145	--	0.350	101.50		
	Deduct Column Footings Area		2	-40	1	--	0.350	28.00		
	Pedestals									
	Column-C1 (300X600)			36	2.40	--	1.000	86.40		
	Column-C2 (230X600)			4	2.26	--	1.000	9.04		
	Deductions							0.09		
								495.69		
						Qty		**495.69**	**287.00**	**1,42,264.00**
24	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface such as walls at any thickness,** including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2									
	(P.No.15, I.No.4.31 of PW,P & IWTD S.R 2016-17)									
	Retainig wall & lift pit walls									
	Retaining Wall		2	145	3.85			1116.50		
	Column		80.18	0.5	4.00			160.35		
	Lift pit		2	7.5	2.40			36.00		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		In Rs.	In Rs.
								992.15		
						Qty		992.15	364.00	3,61,143.00
25	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for **sides & soffits of beams,** beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 -									
	(P.No.16, I.No.4.34 of PW,P & IWTD S.R2016-17)									
	Ground Floor	Sqm								
	Plinth Beams									
	Beam (200X450)									
	Total Length		2	1	296.5	--	0.45	266.85		
	Base		1	1	294.0	0.20	--	58.80		
	Beam (230X450)									
	Total Length		2	2	3.5	--	0.60	8.40		
	Base		1	2	2.8	0.30	--	1.68		
	Beam (300X450)									
	Total Length		2	1	160.0	--	0.45	144.00		
	Base		1	1	160.0	0.30	--	48.00		
	Roof Beams									
	Beam (150X450)		2	1	24.0	--	0.30	14.40		
	Base		1	1	24.0	0.20	--	4.80		
	Beam (200X450)		2	1	304.0	--	0.30	182.40		
	Base		1	1	304.0	0.20	--	60.80		
	Beam (230X450)		2	1	2.0	--	0.30	1.20		
	Base		1	1	2.0	0.23	--	0.46		
	Beam (300X450)		2	1	249.0	--	0.30	149.40		
	Base		1	1	248.60	0.30	--	74.58		
								1015.77		
						Qty		1015.77	318.00	3,23,015.00
26	**First Floor**									
	Roof Beams									
	Beam (150X450)		2	1	24	--	0.3	14.40		
	Base		1	1	22	0.1	--	2.20		
	Beam (200X450)		2	1	304	--	0.2	121.60		
	Base		1	1	304	0.2	--	60.80		
	Beam (230X450)		2	1	2	--	0.3	1.20		
	Base		1	1	2	0.23	--	0.46		
	Beam (300X450)		2	1	249	--	0.3	149.40		
	Base		1	1	248.91	0.35	--	87.12		
								437.18		
						Qty		437.18	324.00	1,41,646.00
27	**Second Floor**									
	Lintels									
	Through partion wall		2	1	50.00	--	0.150	15.00		
	Over windows									
	W1		2	45	2.3	--	0.150	31.05		
	Base		1	45	2.30	0.2	--	20.70		
	W2		2	2	1.80	--	0.200	1.44		
	Base		1	2	1.80	0.2	--	0.72		
	Ventilators		2	10	1.05	--	0.150	3.15		
	Base		1	10	1.05	0.2	--	2.10		
	Roof Beam									
	Beam (150X450)		2	1	24.0	0.30	0.30	14.40		
	Base		1	1	24.0	0.10	--	2.40		
	Beam (200X450)		2	1	130.0	0.30	0.30	78.00		
	Base		1	1	130.0	0.20	--	26.00		
	Beam (230X450)		2	2	10.0	0.30	0.45	18.00		
	Base		1	2	18.0	0.23	--	8.28		
	Beam (300X450)		2	1	240.0	0.23	0.30	144.00		
	Base		1	1	239.9	0.30	--	71.97		
						Total		437.21		
						Qty		437.21	330.00	1,44,279.00
28	**Third Floor**									
	same as first floor Qty					Qty		437.21	336.00	1,46,903.00
29	**Terrece Floor**									
	Beam (300X450) Total Length		2	1	29	--	0.450	26.10		
	Base		1	1	29	0.3	--	8.70		
	Beam (230X450) Total Length		2	1	18	--	0.300	10.80		
	Base		1	1	42.5	0.45	--	19.13		
								64.73		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
						Qty		64.80	343.00	22,226.00
30	Providing and laying in position reinforced cement cocnrete of design **mix M20** with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well **compacted plain chajja 7.5 Cms** avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification -									
	(P.No.14, I.No.4.19 of PW,P & IWTD S.R 2016-17)									
	Second Floor	Sqmt								
	W2			2	3.45	0.60	--	4.14		
						Qty		4.14	579.00	2,397.00
31	**Third Floor**									
	W2			2	2.30	0.60	--	2.76		
						Qty		2.76	585.00	1,615.00
32	Extra For providing throating or **drip moulding** to **RCC chajjas** with plastreing(labour charges only), as perspecification									
	(P.No.14, I.No.4.21 of PW,P & IWTD S.R 2016-17)									
	Second Floor									
	W1	M		10	0.50	--	--	5.00		
	W2			2	2.25	--	--	4.50		
	V			1	1.00	--	--	1.00		
						Qty		10.50	25.00	263.00
33	**Third Floor**									
	W2	M		10	0.70	--	--	7.00		
						Qty		7.00	25.00	175.00
34	Providing and removing centering, shuttering, strutting, propping etc., for **chajjas**, corbels of all shapes & sizes, at all elevations & heights -									
	(P.No.16, I.No.4.37 of PW,P & IWTD S.R 2016-17)									
	Second Floor	Sqmt								
	W2			2	3.45	0.6	--	4.14		
						Qty		4.14	348.00	1,441.00
35	**Third Floor**									
						Qty		2.76	354.00	977.00
36	Providing and removing centering, shuttering, strutting, propping etc., for **columns, pillars, piers, abutments,** post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 -									
	(P.No.16, I.No.4.32 of PW,P & IWTD S.R 2016-17)									
	Ground Floor	Sqmtr								
	Below plinth									
	Column-C1 (300X600)			50	1.80	--	0.90	81.00		
	Column-C2 (230X600)			4	1.70	--	0.95	6.46		
	Above plinth									
	Column-C1 (300X600)			60	1.76	--	2.30	242.88		
	Column-C2 (230X600)			4	0.65	--	0.45	1.16		
						Qty		331.50	454.00	1,50,500.00
37	**First Floor**									
	Column-C1 (300X600)			60	2.70	--	2.400	388.80		
	Column-C2 (230X600)			4	8.27	--	0.750	24.80		
						Qty upto 125%		413.60	461.00	1,90,670.00
38	**Second floor**									
	Column-C1 (300X600)			60	2.70	--	2.15	348.30		
	Column-C2 (230X600)			4	5.00	--	0.75	15.00		
	Deductions							2.62		
	same as first floor Qty					Qty		360.68	467.00	1,68,438.00
39	**Third Floor**									
	same as first floor Qty					Qty		360.68	473.00	1,70,602.00
40	**Terrace Floor**									
	Column (300X600)			4	2.70	-	2.1	22.68		
	Column (230X600)			4	8.27	-	2.1	69.44		
				5	2.16	-	1.6	17.29		
						Qty		109.41		
						Qty upto 125%		36.38	479.00	17,424.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
						Qty above 125%		73.04	454.37	33,186.00
41	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **flat surface** such as suspended floors, **roofs**, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level -									
	(P.No.15, I.No.4.18 of KPWD S.R 2016-17)									
	Ground Floor	Sqmtr								
	Total Area			1	58.10	15.4	--	894.74		
	Slab Projection Front			1	57.80	1.2	--	69.36		
	Slab Projection Side			1	4.80	1.2	--	5.76		
								969.86		
	Deduction									
	Stair case & Lift Portion area			1	6.45	3	--	19.34		
					Total			950.52		
							Qty	**950.52**	**389.00**	**3,69,752.00**
42	**First Floor**									
	Total Area			1	58	16		928.00		
	Cantilever Portico In front			1	6.6	6.4		42.24		
								970.24		
	Deduction									
	Stair case & Lift Portion area			1	6.468	3.049	0.15	19.72		
					Total			950.52		
							Qty	**950.52**	**395.00**	**3,75,455.00**
43	**Second Floor**									
	same as first floor Qty				Total		Qty	**950.52**	**401.00**	**3,81,158.00**
44	**Third Floor**									
	same as first floor Qty							**950.52**		
	Deducting							10.11		
					Total		Qty	**940.41**	**407.00**	**3,82,747.00**
45	**Terrece Floor**									
	total area of head room			1	7.00	7.00	--	**49.00**		
	Deducting							0.59		
							Qty	**48.41**	**413.00**	**19,993.00**
46	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for **stairs** (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge -									
	(P.No.16, I.No.4.38 of PW,P & IWTD S.R 2016-17)									
	Proposed Staircase - GF TO FF	**Sqmtr**								
	Foundation for staircase - 1			4	17.50	--	0.750	52.50		
	Steps			24	1.50	--	0.150	5.40		
	Flight - 1			4	5.60	--	0.300	6.72		
	Flight - 2			4	2.72	--	0.300	3.26		
	Sides			8	2.80		0.300	6.72		
				4	2.72		0.300	3.26		
	Foundation for staircase - 2			4	17.50	--	0.750	52.50		
	Steps			24	1.50	--	0.150	5.40		
	Flight - 1			4	5.60	--	0.300	6.72		
	Flight - 2			4	2.72	--	0.300	3.26		
	Sides			8	2.80		0.300	6.72		
				4	2.72		0.300	3.26		
	Foundation for staircase - 3			4	17.50	--	0.750	52.50		
	Steps			24	1.50	--	0.150	5.40		
	Flight - 1			4	5.60	--	0.300	6.72		
	Flight - 2			4	2.72	--	0.300	3.26		
	Sides			8	2.80		0.300	6.72		
				4	3.44		0.300	4.12		
					Total		Qty	**234.46**		
						Qty upto 125%		**30.63**	**590.00**	**18,069.00**
						Qty above 125%		**203.84**	**589.69**	**1,20,201.00**
47	**Proposed Stair Case -FF TO SF**									
	Steps			24	1.5	--	0.3	10.80		
	Flight - 1			4	5.5	--	0.35	7.70		
	Flight - 2			4	2.7	--	0.3	3.24		
	Sides			8	2.8	--	0.3	6.72		
	Same As First Floor						Qty	**28.46**		
	Deductions							**0.41**		
								28.05		
						Qty upto 125%		**26.63**	**596.00**	**15,869.00**

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
						Qty above 125%		1.43	589.69	840.00
48	**Proposed Stair Case - SF TO TF**									
	Same As First Floor						Qty	28.46		
	Deductions							0.41		
								28.05		
						Qty upto 125%		26.63	602.00	16,028.00
						Qty above 125%		1.43	589.69	840.00
49	**Proposed Stair Case - THF TO TEF**									
	Same As First Floor						Qty	28.46		
	Deductions							0.58		
								27.88		
						Qty upto 125%		26.63	608.00	16,188.00
						Qty above 125%		1.26	589.69	740.00
	REINFORCEMENT WORK									
50	Providing **TMT Steel reinforcement** for **RCC works** including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 -									
	(P.No.17&18 I.No.4.46.2&4.47 of KPWD S.R 2016-17)									
	Ground floor	**Tonne**								
	For Footing **60kg Per Cum**				--	--	--	--	16429.38	
	For Pedestals **70kg Per Cum**								930.30	
	For Plinth Beam - **150 Kg/Cum**				--	--	--	--	7320.38	
	For Columns **250 Kg/Cum**				--	--	--	--	11193.15	
	For Roof Slabs 75**Kg/Cum**				--	--	--	--	10398.04	
	For Roof Beam - **225 Kg/Cum**								9420.30	
	For Stair Case and Lintels **170Kg/Cum**				--	--	--	--	785.50	
	Retaining wall 95**kg per Cum**								8086.40	
									64563.44	
	Deductions								0.009	
									64.55	
							Qty	**64.55**	74000.00	47,77,007.00
51	**First Floor**									
	For Columns **250 Kg/Cum**				--	--	--	--	9931.95	
	For Roof Slabs 75**Kg/Cum**				--	--	--	--	9735.01	
	For Roof Beam - **225 Kg/Cum**								9729.45	
	For Stair Case and Stair **105Kg/Cum**				--	--	--	--	323.57	
									29719.97	
	Deductions								0.010	
									29.71	
							Qty	**29.71**	75827.00	22,52,826.00
52	**Second Floor**									
	For Columns **250 Kg/Cum**								8867.25	
	For Roof Slabs 75**Kg/Cum**								9514.28	
	For Roof Beam - 160 **Kg/Cum**								6088.50	
	For Stair Case and Stair **150Kg/Cum**								1261.44	
	Miscallaneous								120.00	
									25851.47	
	Deductions								0.009	
									25.84	
							Qty	**25.84**	76413.00	19,74,701.00
53	**Third Floor**									
	Same as Second Floor Qty						Qty	**25.84**	76999.00	19,89,845.00
54	**Terrece Floor**									
	For Columns **280 Kg/Cum**				--	--	--	--	747.94	
	For Roof Slabs 100**Kg/Cum**				--	--	--	--	735.00	
	For Roof Beam - 350 **Kg/Cum**				--	--	--	--	1505.70	
	Miscelaneous works								300.00	
									3288.64	
	Deductions								0.004	
							Qty	**3.28**		
						Qty upto 125%		**2.75**	77585.00	2,13,359.00
						Qty above 125%		**0.53**	75241.17	40,227.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
	MASONARY WORK									
55	Providing and constructing load bearing wall with **solid concrete blocks** having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size **400x200x200mm**									
	(P.No.25, I.No.5.27.1 of KPWD S.R 2016-17)									
	Ground floor	Sqmt								
	200mm Wall									
	Total Length			1.00	245.00	--	2.650	649.25		
	Above Retaing Wall			1.00	140.00	--	1.400	196.00		
								845.25		
	Deductions									
	Rolling Shutter									
	RS1			13	3.00	--	2.550	99.45		
	RS2			22	2.90	--	2.600	165.88		
	RS3			2	2.50	--	2.300	11.50		
	Lift Opening			1	0.93	--	2.300	2.13		
	Ventilators			36	1.8	--	0.6	38.88		
								317.84		
								527.41		
					Total		Qty	**527.41**		
						Qty upto 125%		526.50	1163.00	6,12,320.00
						Qty above 125%		0.91	1163.25	1,059.00
56	**First Floor**									
	200mm Wall									
	Total Length			1	446.07	--	3.150	1405.13		
	Deductions									
	Rolling Shutter									
	RS1			28	3.00	--	3.150	264.60		
	RS2			22	2.90	--	3.150	200.97		
	RS3			2	2.50	--	3.150	15.75		
	Lift Opening			1	1.50	--	3.300	4.95		
	Ventilators			36	1.80	--	0.607	39.32		
								525.59		
								879.54		
	Deductions					Qty upto 125%		879.54	1200.00	10,55,447.00
57	**Second Floor**									
	200mm Wall									
	Horizantal Length			1	195.00	--	3.150	614.25		
	Vertical Length			1	50.00	--	3.150	157.50		
								771.75		
	Deductions									
	Doors									
	D1			4	0.90	--	2.100	7.56		
	Lift Opening			1	0.90	--	2.100	1.89		
	Rolling Shutter									
	RS3			1	2.50	--	3.150	7.88		
	RS4			2	3.00	--	3.150	18.90		
	Windows									
	W1			36	2.00	--	1.507	108.48		
	W2			2	3.20	--	3.000	19.20		
	Ventilaors			10	0.90	--	0.750	6.75		
								170.65		
								601.10		
					Total	Qty upto 125%		601.10	1238.00	7,44,162.00
58	**Third floor**									
	200mm Wall									
	Horizantal Length			1	163.00	--	3.150	513.45		
	Vertical Length			1	50.00	--	3.150	157.50		
								670.95		
	Deductions									
	Doors									
	D1			4	0.90	--	2.100	7.56		
	Lift Opening			1	0.90	--	2.100	1.89		
	Rolling Shutter									
	RS3			1	2.50	--	3.150	7.88		
	RS4			2	3.00	--	3.150	18.90		
	Windows									
	W1			36	2.00	--	1.500	108.00		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		In Rs.	In Rs.
	W2			2	3.20	--	3.050	19.52		
	Ventilaors			10	0.90	--	0.750	6.75		
								170.50		
								500.46		
	same as first floor Qty									
	Deductions							0.61		
					Total	Qty upto 125%		499.85	1275.00	6,37,309.00
59	**Terrece Floor**									
	head room total length			1	115.00	--	2.100	241.50		
	Parapet Wall			1	140.00	--	1.000	140.00		
								381.50		
	Deduction									
	MS Door			1	1.30	--	2.100	2.73		
	W1			3	2.10	--	1.700	10.71		
	Lift Opening			1	1.20	--	2.400	2.88		
								0.19		
								16.51		
					Total		Qty	364.99		
						Qty upto 125%		239.88	1312.00	3,14,716.00
						Qty above 125%		125.12	1163.25	1,45,542.00
60	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4									
	(P.No.25, I.No.5.28 of KPWD S.R 2016-17)									
	Second floor	**Sqm**								
	Toilet wall total length			1	30.00	--	3.150	94.50		
								94.50		
	Deductions									
	Doors									
	D2			8	0.75	--	2.100	12.60		
	Openings									
	O1			2	1.00	--	3.150	6.30		
	O2			2	0.90	--	3.150	5.67		
	O3			4	0.75	--	3.150	9.45		
								34.02		
					Total			60.48		
							Qty	60.50	963.00	58,262.00
61	**Third floor**									
	same as first floor Qty							60.50		
	Adding additional Qty							0.93		
							Qty	61.43	1001.00	61,491.00
	PLASTERING & FINESHES WORK									
62	Providing **18mm thick** cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications **Externel**									
	(P.No.113, I.No.15.15 of PW,P & IWTD S.R2016-17)									
	Ground floor	**Sqmt**								
	For Out Side									
	Shop outer side side			1	260.00	--	3.000	780.00		
	Deduction									
	RS1		0.5	16	3.00	--	2.700	64.81		
	Ventilators		0.5	36	1.80	--	0.60	19.44		
								84.25		
						Total		695.75		
							Qty	695.75		
						Qty upto 125%		443.00	303.00	1,34,229.00
						Qty above 125%		252.75	302.92	76,562.00
63	**First Floor**									
	Shop outer side side			1	160	--	3.600	576.00		
	Deduction									
	RS1		0.5	16	3	--	3.2	76.80		
	Ventilators		0.5	36	1.8	--	0.6068	19.66		
								96.46		
						Total		479.54		
						Qty upto 125%		479.54	303.00	1,45,301.00
64	**Second Floor**									
	Outside including all			1	188	--	3.600	676.80		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
								676.80		
	Deduction									
	W1		0.5	36	2.3	0.6	--	24.84		
	W2		0.5	2	3.45	0.6	--	2.07		
	V		0.5	10	1.05	0.605	--	3.18		
								30.09		
						Total		646.71		
						Qty upto 125%		**646.71**	303.00	1,95,954.00
65	**Third Floor**									
	Same as Second floor Qty					**Qty upto 125%**		**646.71**	303.00	1,95,954.00
66	**Terrace floor**									
	Parapet Wall			2	209.00	--	1.000	418.00		
	head room total length			1	30.00	--	2.600	78.00		
								496.00		
	Deduction									
	Steel Truss		0.5	1	2.50		2.700	3.38		
	W1		0.5	1	2.00	--	2.230	2.23		
								5.61		
							Total	490.40		
							Qty	**490.40**	303.00	1,48,590.00
67	Providing 18mm thick cement plaster in single coat with cement mortor 1:4, to brick masonry including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.**(Internal) -**									
	(P.No.114, I.No.15.16 &15.26 of KPWD S.R2016-17)									
	Ground floor	Sqmt								
	Shop (3X6.8)			16	17.80	--	2.850	811.68		
	Shop (3X3.3)			18	12.60	--	2.850	646.38		
	Lift Lobby			1	28.00	--	2.850	79.80		
	Inside			1	9.60	--	2.850	27.36		
	outside Lift			1	9.03	--	2.850	25.73		
								1590.95		
	Deduction									
	RS1		0.5	13	3	--	2.55	49.73		
	RS2		0.5	22	2.9	--	2.6	82.94		
	RS3		1	2	2.5	--	2.3	11.50		
	Lift Opening		1	1	1.1	--	2.1	2.31		
								146.48		
						Total		1444.47		
								0.51		
							Qty	**1443.97**	284.00	4,10,087.00
68	**First Floor**									
	shop (3X3.3)			50	11.75	--	3.600	2115.00		
	Corridor At Stair Case			1	28.00	--	3.600	100.80		
	Inside & outside Lift			2	8.00	--	3.750	60.00		
								2275.80		
	Deduction									
	Rolling Sutter		0.5	50	3.30	--	3.152	260.00		
	Steel Truss		0.5	1.1	2.10	--	2.100	2.43		
	Lift Opening		1	0.9	0.90	--	2.100	1.70		
								264.13		
						Total		2011.67		
							Qty	**2011.67**	288.00	5,79,362.00
69	**Second Floor**									
	Left Office			1	160.00	--	3.600	576.00		
	Right Office			1	72.20	--	3.600	259.92		
	column face			18	1.80	--	3.000	97.20		
	Office Toilet			2	24.80	--	1.500	74.40		
	General toilets			2	71.60	--	1.500	214.80		
								1222.32		
	Deductions									
	toilet doors									
	D1		0.50	6	0.75	--	2.100	4.73		
	Openings									
	O1		0.50	2	0.90	--	1.050	0.95		
	O2		0.50	2	0.90	--	1.050	0.95		
	O3		0.50	4	0.75	--	1.050	1.58		
	windows									
	W1		0.5	36	2.30	0.60	--	24.84		
	W2		0.5	2	3.45	0.60	--	2.07		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
	V		0.5	10	1.05	0.62	--	3.23		
								38.33		
						Total		1183.99		
							Qty	1183.99		
						Qty upto 125%		1142.63	292.00	3,33,647.00
						Qty above 125%		41.37	284.29	11,760.00
70	Third Floor									
	same as first floor Qty					Total	Qty	1183.99		
						Qty upto 125%		1142.63	295.00	3,37,074.00
						Qty above 125%		41.37	284.29	11,760.00
71	Terrece Floor									
	Total Length			1	71.00	--	2.700	191.70		
	Deduction									
	Steel Truss			1	2.50		2.360	5.90		
	W1			1	2.00	--	2.230	4.46		
								10.36		
								181.34		
							Qty	181.34		
						Qty upto 125%		65.63	299.00	19,622.00
						Qty above 125%		115.72	284.29	32,897.00
72	Providing 12mm thick cement plaster in single coat with cement mortor 1:3, to ceiling including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications -to **Ceiling**									
	(P.No. 114&115 I.No.15.21 & 15.32 of PW,P & IWTD S.R2016-17)									
	Ground floor	Sqmt								
	Shop (3X6.8)			16	3	6.80	--	326.40		
	Shop (3X3.3)			18	3	3.30	--	178.20		
	Lift Lobby			1	3	7.70	--	23.10		
	Corridor			1	57.60	4.70	--	270.72		
	Front Corridor			1	57.50	1.20	--	69.00		
								867.42		
	Beam sides						15%	130.11		
								997.53		
						Qty upto 125%		997.53	263.00	2,62,351.00
73	First Floor									
	Shop(3 x3.1)			50	3.30	3.30	--	544.50		
	Corridor			1	57.80	5.30	--	306.34		
	Cantilever Portico In front			1	6.60	2.50	--	16.50		
	Entrance Area			Area =21.12				21.12		
	Outside Slab projection			29.895	3.00	0.70	--	62.78		
	Stair Case Waist Slab									
	Flight 1			2	2.70	1.40	--	7.56		
	Flight 2			1	3.00	2.05	--	6.15		
	Landing			2	1.50	1.80		5.40		
						Total		970.35		
	Beam sides						15%	145.55		
								1115.90		
						Qty upto 125%		1115.90	269.00	3,00,178.00
74	Second Floor									
	Right And Left Office Area			1	750.00	--	--	750.00		
	Out side slab projection			30	5.00	0.70	--	105.00		
	Stair Case Lobby			1	3.50	6.40	--	22.40		
	Entrance Lobby Area			1	36.00	--	--	36.00		
	Office Toilet			2	18.60	--	--	37.20		
	General Toilet Area			1	6.20	4.30	--	26.66		
	Chejjas top and bttom surface Plastering									
	W1			72	2.30	0.60	--	99.24		
	W2			4	3.45	0.60	--	8.28		
	Stair Case Waist Slab									
	Flight 1			2	2.70	2.10	--	11.34		
	Flight 2			1	3.00	3.00	--	9.00		
	Landing			2	1.50	3.10	--	9.30		
								1114.42		
	Beam sides						25%	278.60		
								1393.02		
						Qty upto 125%		1393.02	276.00	3,84,473.00
75	Third Floor									
	same as first floor Qty					Qty upto 125%		1393.02	282.00	3,92,832.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
76	Tarrece Floor									
	Head Room For Stair and Lift Area			1	19.50	3.10		60.45		
				1	6.10	3.06		18.69		
								79.14		
						Total	Qty	79.14		
						Qty upto 125%		50.00	288.00	14,400.00
						Qty above 125%		29.14	263.19	7,669.00
77	Providing **Rough cement plastering 15 mm thick** in single coat with cement mortor 1:4, to brick masanary for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
	(P.No. 115 , I.No.15.31 of PW,P & IWTD S.R 2016-17)									
	Second Floor									
	Office Toilet			2	24.80	--	2.100	104.16		
	General toilets			2	71.60	--	2.100	300.72		
								404.88		
	Deductions									
	toilet doors									
	D1		0.5	6	0.75	--	2.100	4.73		
	D2		0.5	12	0.75	--	2.000	9.00		
	Openings									
	O1		0.5	2	0.90	--	2.095	1.89		
	O2		0.5	2	0.90	--	2.000	1.80		
	O3		0.5	4	0.75	--	2.000	3.00		
	V		0.5	10	1.05	0.62	--	3.23		
								23.64		
						Total		381.24		
						Qty upto 125%		381.24	207.00	78,917.00
78	**Second Floor**									
	Same As First Floor Qty						Qty	381.24	214.00	81,586.00
79	Providing **20mm thick cement plaster** in single coat with cement **mortor 1:3**, to Stone masonary & concrete Surface including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.									
	(P.No. 114 , I.No.15.18 of PW,P & IWTD S.R 2016-17)									
	Second Floor	Sqm								
	For Sunken Slab Water Proof Plastering									
	Office Toilet			2	19.20	--	--	38.40		
	General Toilet Area				6.20	--	--	6.20		
	Sides upto 300 mm height				57.00	--	0.296	16.88		
								61.48		
							Qty	61.48	334.00	20,535.00
80	**Second Floor**									
	Deductions							0.00		
	Same As First Floor Qty						Qty	61.48	340.00	20,904.00
81	KSRB 15.8.2 Providing and fixing **Plaster mesh 150mm wide** manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along route of walls chipped for services, junction between RCC and brick walls including cost of materials, labour for fixing complete as per specifications. (length of mesh only be measured for payment)									
	(P.No.115, I.No.15.35 & 15.36 of KPWD S.R 2016-17)	Mt								
	Plaster Mesh 150 mm wide			1	1361.40		Qty	1361.40		
						Qty upto 125%		625.00	45.00	28,125.00
						Qty above 125%		736.40	44.69	32,912.00
82	Plaster Mesh 200 mm wide			1	1279.00		Qty	1279.00		
						Qty upto 125%		375.00	53.00	19,875.00
						Qty above 125%		904.00	53.38	48,258.00
83	KSRB 15.9 Providing and fixing **Corner beads 45x45mm** size manufactured out of hot dipped galvanised iron of nominal thickness 0.35mm with a zinc coating of 120gms per sqm width, along exposed corners of walls, coloumns, lintels including cost of materials, labour for fixing complete . (length of mesh be measured for payment)									
	(P.No.115, I.No.15.37 of PW,P & IWTD S.R 2016-17)	Mt								
	All floors Exposed columns	1	743.1				Qty	743.10		
						Qty upto 125%		250.00	32.00	8,000.00
						Qty above 125%		493.10	32.28	15,916.00
84	Providing & applying **Two coats of wall putty** to inside plasterd walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of materials , cost of labour and scafolding etc complete as per specifications.									
	(P.No.126, I.No.15.106 of PW,P & IWTD S.R 2016-17)									

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SR Rate in Rs.	Amount in Rs.
			N1	N2	L	B	D			
	Same as Internal & Ceiling Plastering qty wide									
	Ground Floor									
	Ceiling			1				997.53		
	Walls			1				1443.97		
	First Floor									
	Ceiling			1				1115.90		
	Walls			1				2011.67		
	Second Floor									
	Ceiling			1				1261.02		
	Walls			1				1183.99		
	Third Floor									
	Ceiling			1				1393.02		
	Walls			1				1183.99		
	Terrce Floor									
	Ceiling			1				80.20		
	Walls			1				181.34		
								10852.64		
						Qty upto 125%		**10852.64**	**70.00**	**7,59,685.00**
85	Providing & applying Painting in in two coats with **plastic emulsion paint** of approved brand on **wall surface** to give an even approved shade after thouroughly brushing the surface free from morter drops and other forign mater including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications with a) Primer									
	(P.No.117, I.No.15.51.2 of PW,P & IWTD S.R 2016-17)									
	Ground Floor									
	Same as Internal Plastering qty vide							1443.97		
	First Floor									
	Same as Internal Plastering qty vide							2011.67		
	Second Floor									
	Same as Internal Plastering qty vide							1183.99		
	Third Floor									
	Same as Internal Plastering qty vide							1183.99		
	Terrce Floor							181.34		
	Deductions							1.40		
						Qty upto 125%		**6003.57**	**112.00**	**6,72,400.00**
86	Providing & applying Painting in in two coats with **plastic emulsion paint** of approved brand on wall surface to give an even approved shade after thouroughly brushing the surface free from morter drops and other forign mater including preparing the surface even and sand paer smooth, cost of materials, labour complete asper specifications with a) Primer : Extra over Item 15-15.1 for painting two coats with plastic emulsion paint of approved brand and shade on **ceiling** and / or **sloping roof** as per specifications.									
	(P.No.117, I.No.15.51.2 of PW,P & IWTD S.R 2016-17)									
	Ground Floor									
	Same as Internal Ceiling Plastering qty vide							997.53		
	First Floor									
	Same as Internal Ceiling Plastering qty vide							1115.90		
	Second Floor									
	Same as Internal Ceiling Plastering qty vide							1393.02		
	Third Floor									
	Same as Internal Ceiling Plastering qty vide							1254.27		
	Terrce Floor							181.34		
	Adding Qty							0.98		
								4943.04		
						Qty upto 125%		**4943.04**	**117.00**	**5,78,336.00**
87	Providing & finishing **external walls** in two coats over one coat of **100 % acrylic silcon glazed** primer with **Antifungal paint** for top coat of Approved brand and shade to give an even shade after thourghly brooming the surfacfe to remove all dirt and loose powdered material, free from morter drops and and other foreign matter , cost of materails , labour, complete as per specifications									
	(P.No.125, I.No.15.104 of PW,P & IWTD S.R 2016-17)							552.17		
	Ground Floor							2.02		
	Deducting Qty					**Qty upto 125%**		**550.15**	**191.00**	**1,05,078.00**
				1				517.53		
88	**First Floor**					**Qty upto 125%**		**517.53**	**195.00**	**1,00,918.00**
				1				646.71		
89	**Second Floor**					**Qty upto 125%**		**646.71**	**199.00**	**1,28,695.00**

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SR Rate in Rs.	Amount in Rs.
			N1	N2	L	B	D			
90	Third Floor			1				646.71		
						Qty upto 125%		646.71	202.00	1,30,636.00
91	Terrce Floor			1				490.40		
						Qty upto 125%		404.01	206.00	83,226.00
92	KSRB 15-17.5 : Applying priming coat over **new wood surface** and / or wood based surface after preparing the surface after throughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, complete as per specifications.									
	(P.No.119, I.No.15.59 of PW,P & IWTD S.R 2016-17)	Sqm								
	D1		1	12	0.90	--	2.100	22.68		
							Qty	22.68	51.00	1,157.00
93	Providing and applying painting two coats on **new wood surface and/ or wood based surface with enamel paint** to give an even shade, cleaning the surface of all dirt, dust and foregn matter, sand papering including cost of materials, labour complete as per specifications.									
	(P.No.119, I.No. 15.60.1of PW,P & IWTD S.R 2016-17)									
	All floors									
	Qty Same as Vide item no			1				22.68		
							Qty	22.68	104.00	2,359.00
94	KSRB 15-18.1 : Applying **Red lead ready** mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.									
	(P.No.121, I.No.15.73 of PW,P & IWTD S.R 2016-17									
	From all Floors									
	Window Grills,			1	410.68			410.68		
	Collapsible shutters			1	74.30			74.30		
	Rolling Shutter			1	843.85			843.85		
								1.55		
								1330.38		
							Qty	1330.38		
						Qty upto 125%		1269.88	36.00	45,716.00
						Qty above 125%		60.51	36.00	2,178.00
95	KSRB 15-18.2 : Providing and applying **enamel metal paint** two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.									
	(P.No.121, I.No.15.74of PW,P & IWTD S.R 2016-17)									
	Same as vide quantity			1	1330.38			1330.38		
	Adding Qty							2.41		
						Qty		1332.79		
						Qty upto 125%		47.00	102.00	4,794.00
						Qty above 125%		1285.79	101.80	1,30,893.00
	FLOORING WORK									
96	KSRB 14.10-2: Flooring with 20 mm thick polished **shahabad slabs** using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. Specification No. KBS									
	(P.No.103, & I.No.14.16 of KPWD S.R 2016-17)									
	Ground Floor									
	Shop (3X6.8)			16	3.50	6.80	--	380.80		
	Skirtng			1	20.94	0.15	--	3.14		
	Shop (3X3.3)			18	3.10	3.30	--	184.14		
	Skirting			1	22.00	0.15	--	3.30		
								571.38		
						Qty upto 125%		571.38	1489.00	8,50,785.00
97	**First Floor**									
	Shop (3X3.1)			49	3.10	3.20	--	486.08		
	Skirting			50	9.70	--	0.150	72.75		
								0.35		
								558.48		
						Qty upto 125%		558.48	1490.00	8,32,135.00
98	KSRB 14.7-2 : Providing and laying red oxide flooring 40 mm thick, with an under layer of 30mm thick M-15 cement concrete, using broken granite metal of 12.5mm nominal size and top layer of 10mm thick plaster with 1:3 cement mortar mixed with red oxide (using 3.5 kg of red oxide per 50 kg of cement) finished with floating coat of neat cement mixed with red oxide (mix of same proportion), including cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.3									
	Ground Floor									
	Stair Case Waist Slab			1	57.80	4.70	--	271.66		
								271.66		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		In Rs.	In Rs.
						Qty upto 125%		271.66	718.00	1,95,052.00
99	First Floor									
	Corridor			1	59.30	4.70	--	278.71		
						Qty upto 125%		278.71	719.00	2,00,392.00
100	Providing and fixing for flooring 40mm thick **sadarhalli grey** flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3.									
	(P.No.109, & I.No.14.57 of KPWD S.R 2016-17)									
	Second Floor									
	Office Toilet			2	6.00	3.00	--	36.00		
	Deduct Wc			4	1.45	1.20	--	6.96		
	General Toilet			1	6.20	4.30	--	26.66		
	Deduct Wc			4	1.45	1.50	--	8.70		
								47.00		
							Qty	47.00	2351.00	1,10,497.00
101	Third Floor									
	Same AsFirst Floor Qty						Qty	47.00	2353.00	1,10,591.00
102	Providing and laying **Hassan Green granite flooring** for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc., complete as per specification.									
	(P.No.108, & I.No.14.51 of KPWD S.R 2016-17)									
	Ground Floor									
	Tread			20	1.50	0.30	--	9.00		
	Riser			19	1.50	--	0.150	4.28		
	Landing			2	1.60	1.50	--	4.80		
	Skirting			1	26.50	0.15		3.98		
	Front staircases - 1									
	Landing		1.00	3.00	1.80			5.40		
	Waistslab - Leftside		1.00	3.60	1.80		0.20			
	Steps - Left side									
	Tread		9.00	1.80		0.38		6.08		
	Rise		10.00	1.80			0.15	2.70		
	Steps - Right side									
	Tread		9.00	1.80		0.38		6.08		
	Rise		10.00	1.80			0.15	2.70		
	Front staircases - 2									
	Landing		1.00	3.00	1.80			5.40		
	Waistslab - Leftside		1.00	3.60	1.80		0.20			
	Steps - Left side									
	Tread		10.00	1.80		0.38		6.75		
	Rise		11.00	1.80			0.15	2.97		
	Steps - Right side									
	Tread		10.00	1.80		0.38		6.75		
	Rise		11.00	1.80			0.15	2.97		
	Front staircases - 3									
	Landing		1.00	3.00	1.80			5.40		
	Waistslab - Leftside		1.00	3.60	1.80		0.20			
	Steps - Left side									
	Tread		10.00	1.80		0.38		6.75		
	Rise		11.00	1.80			0.15	2.97		
	Steps - Right side									
	Tread		10.00	1.80		0.38		6.75		
	Rise		11.00	1.80			0.15	2.97		
								94.68		
						Qty upto 125%		27.38	4950.00	1,35,506.00
						Qty above 125%		67.29	4949.70	3,33,041.00
103	First Floor									
	Tread			21	1.50	0.30	--	9.45		
	Riser			22	1.50	--	0.150	4.95		
	Landing			2	1.60	1.50	--	4.80		
	Skirting			1	40.47	0.15		6.07		
								25.27		
	Same As First Floor Qty					Qty upto 125%		25.27	4952.00	1,25,137.00
104	Second Floor									
	Same As First Floor Qty					Qty upto 125%		25.27	4953.00	1,25,162.00
105	Third Floor									
	Same As First Floor Qty					Qty upto 125%		25.27	4955.00	1,25,212.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
106	Providing and laying flooring for corridors/lobbies using combination of pre polished 19 mm thick **water cut/gang saw Grey Granite,** Black Granite, and strips of 50mm wide pre flamed grey granite using pre polished grey granite 19mm thick 76%, Pre polished black granite 19mm thick @ 2% and preflamed 19mm thick grey granite @22% over existing cement concrete bed in CM 1:4 average 20mm thick pointed with white cement/colour pigment etc., including cost of all materials, mortar, labour, curing etc., complete as per specification. - _do_ using 19mm thick granite width not less than 1200mm									
	(P.No.108, & I.No.14.48.1 of KPWD S.R 2016-17)									
	Ground Floor									
	Stair Case Loobby			1	5.50	6.20	--	34.10		
				1	9.07	1.00	--	9.07		
						Qty upto 125%		**43.17**	**3173.00**	**1,36,978.00**
107	**First Floor**									
	Stair Case Loobby			1	5.50	4.90	--	26.95		
				1	1.42	0.60	--	0.85		
						Qty		**27.80**	**3175.00**	**88,265.00**
108	**Second Floor**									
	Stair Case Lobby			1	5.00	3.00	--	15.00		
				1	2.00	0.80	--	1.60		
	Entrance Lobby			1	6.60	4.20	--	27.72		
								44.32		
	Deducting							1.15		
						Qty		**43.17**	**3177.00**	**1,37,151.00**
109	**Third Floor**									
	Same As First Floor Qty					Qty		**43.17**	**3179.00**	**1,37,237.00**
110	Providing and fixing **Vitrified glazed tiles** of approved make, quality & colour of size 600 x 600 x 10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade of tiles, including providing spacers at required interval and removing stains, including cost of all mateirals, mortar, labour, etc., Complete as per specification.									
	(P.No.107, & I.No.14.45 of KPWD S.R 2016-17)									
	Second Floor									
	Left Office Area			1	370.00	--	--	370.00		
	Right Office Area			1	290.00	--	--	290.00		
	Skirting									
	Left Office Area			1	113.74	--	0.150	17.06		
	Right Office Area			1	95.00	--	0.150	14.25		
	Staircase lobby wall cladding up to 1.5 mt			1	63.00	--	1.500	94.50		
								785.81		
						Qty upto 125%		**785.81**	**1394.00**	**10,95,419.00**
111	**Third Floor**					Qty upto 125%		**785.81**		
	Same As First Floor Qty							**785.81**	**1396.00**	**10,96,991.00**
112	Providing **ceramic tiles** of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick cement mortor 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. **size 30x30cms**									
	(P.No.106, & I.No.14.36.2 of KPWD S.R 2016-17)									
	Second Floor									
	Office Toilet			8	1.50	1.20	--	14.40		
	Wc									
	General Toilet			4	1.47	1.45	--	8.52		
	Wc							22.92		
							Qty	**22.92**	**1464.00**	**33,555.00**
113	**Third Floor**						Qty	**22.92**	**1466.00**	**33,601.00**
	Same As First Floor Qty									
114	KSRB 14-17.2: Providing skirting, dado, rises of steps with **colour glazed tiles** on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.									
	Colour glazed tiles 30×60cms 6mm thick with border of size 30×10cms.									
	(P.No.106 I.No.14.41.2 of PW,P & IWTD S.R 2016-17)									
	Second Floor			4	18.30	--	2.100	153.72		
	Office Toilet			2	35.20	--	2.100	147.84		
	General Toilet							301.56		
	Deduction									
	toilet doors			6	0.75	--	2.100	9.45		
	D1									

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
	D2			12	0.60	--	2.000	14.40		
	Openings									
	O1			2	0.90	--	2.250	4.05		
	O2			2	0.90	--	2.000	3.60		
	O3			4	0.75	--	2.000	6.00		
	V			10	1.05	0.55	--	5.78		
								43.28		
						Total		258.29		
							Qty	**258.30**	**1846.00**	**4,76,822.00**
115	**Third Floor**									
	Same As First Floor Qty						Qty	**258.30**	**1848.00**	**4,77,338.00**
	WATER PROOFING WORK									
116	Providing and laying **Cinder concrete** in cement 1:15 (1 cement: **15 cinder of 12.5mm** nominal gauge) on terraced roof or sunken slabs, laid to slope compacting, including cost of materials, labour, curing complete as per specifications.									
	(P.No. 46, I.No.8.4 of PW,P & IWTD S.R 2016-17)	**Cum**								
	Second Floor									
	Office Toilet			2	6.00	3.20	0.300	11.52		
	General Toilet			1	6.20	4.30	0.300	8.00		
								19.52		
							Qty	**19.52**	**2361.00**	**46,086.00**
117	**Third Floor**									
	Same As First Floor Qty						Qty	**19.52**	**2361.00**	**46,086.00**
118	Providing **INTEGRAL CRYSTALINE** Waterproofing treatment to the sunken portion of toilets. Using Crystalline Slurry of approved make @ 1.40 kg per SQM in two coats (0.7 Kg per coat) confirming to ASTM S 1202 & DINV 18998 standards.									
	(P.No.280 I.No.38.11 of KPWD S.R 2016-17)									
	Second Floor			1	61.28	--	--	**61.28**		
	Third Floor			1	61.68	--	--	**61.68**		
						Qty upto 125%		**122.96**	**596.00**	**73,286.00**
	JOINERY WORK									
119	Providing **White Sal Wood frames of doors,** windows, clerestory windows, and other frames, wrought, framed or assembledincluding making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications									
	(PWD SR 2016-17 Page No. 51 It. No 9.13)									
	Second & Third Floor									
	D1			6	6.30	0.125	0.075	0.35		
	D1			6	6.28	0.125	0.075	0.35		
	Miscallaneous							0.06		
							Qty	**0.76**	**79355.00**	**60,527.00**
120	Providing and fixing **flush door shutter** made out of solid core black board type, well seasoned chemically treated hard wood battens and internal frame with minimum 45 mm wide wooden frame all-round door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door using liquid phenol formaldehyde resin as per IS specification 2202 (Part-I) 1991. From manufacturer (Factory) complete as per specification.									
	(PWD SR 2016-17 Page No. 62 It.No 9.106.5)									
	Second Floor			6	0.90	--	2.100	11.34		
	D1							11.34		
							Qty	**11.34**		
	Third Floor			6	0.90	--	2.100	11.34		
	D1							11.34		
							Qty	**11.34**		
						Total Qty		**22.68**	**3809.00**	**86,388.00**
121	Providing and fixing 65mmx90mm **GRP Doorframe** fabricatedusing E-Glass Chopped Strand Mat (CSM). U.V-stabilizedIsopthalic Gelcoat and Isopthalic resin. The thickness of the GRPskin shall not be less than 2.0 mm. The doorframe consists of foursegmens, which are providedwithplug-in-socket arrangementin-situ in the mould. The segments are plugged in and are joinedtogether by means of screws. The GRP frame shall be providedwith wooden reinforcement of 6 locations fro high screw holdingcapacity for fixing metallic hold fast and shall be consolidated byfilling with medium density foam/Plaster with fibre reinforcement.Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat holdfast shall be provided with the frame.									
	(PWD SR 2016-17 Page No. 60 It.No 9.95)	**MTR**								
	30mm thick one side teak and one side commercial									
	Second Floor			12	2.9	--	--	34.80		
	D2									

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
								34.80		
							Qty	34.80	603.00	20,984.00
122	Third Floor									
	D2			12	2.9	--	--	34.80		
								34.80		
							Qty	34.80	607.00	21,124.00
123	Providing and fixing factory made single leaft rigid GRP Sandwich composite door shutter of 32mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and on layer of 45 gsm E-Glass Chopped strand Mat (CSM), impregnated with orthopthalic polyster resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 29mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 28mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc, shall be provided. A structural									
	(PWD SR 2016-17 Page No. 59 It.No 9.93)	Sqm								
	Second Floor									
	D2			12.00	0.60	--	1.750	12.60		
								12.60		
							Qty	12.60	3980.00	50,148.00
124	Third Floor									
	D2			12.00	0.60	--	1.750	12.60		
								12.60		
							Qty	12.60	3984.00	50,198.00
125	KSRB 7.8 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung 2/3 openable 1/3 fixed as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m all duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows, not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and grinded electrically subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing two coats of ready mix paint of approved colour and make including cost of materials, fixtures,labour charges and HOM of machinery complete as per specifications.									
	(PWD SR 2016-17 Page No. 32 It.No 7.8)	Sqm								
	Ground Floor			36.94	1.20	--	0.60	26.60		
	Ventilators							0.50		
	Deductions						Qty	26.10	3693.00	96,386.00
126	First Floor			26.70	1.20	--	0.61	19.44		
	Ventilators						Qty	19.44	3700.00	71,929.00
127	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick,weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mm x 18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters									
	(PWD SR 2016-17 Page No. 43 It.No 7.11.2)	Sqm								
	Second Floor			31	2.00	--	1.503	93.18		
	W1			2	1.70	--	1.490	5.07		
	W2			13	1.00	--	0.750	9.75		
	Ventilators							108.00		
							Qty	108.00	5303.00	5,72,725.00
128	Third Floor			31	2	--	1.500	93.00		
	W1			2	1.8	--	1.450	5.22		
	W2			13	1	--	0.750	9.75		
	Ventilators							107.97		
							Qty	108.00	5209.00	5,62,572.00
129	Terrece Floor			2	1.20	--	0.938	2.25		
	Windows							2.25		
	W1						Qty	2.25	5215.00	11,734.00

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	in Rs.
130	Providing and fixing **M.S.grill work for windows and ventilators** weighing 21 kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifictions. Specification No. KBS 7.12 **(Considered 18 Kg/sqm)**									
	(P.No.32, I.No.7.9 of PW,P & IWTD S.R 2016-17)									
				1	389.68	--	18.000	7014.24		
								7014.24		
							Qty	**7014.24**		
						Qty upto 125%		**5238.00**	**97.00**	**5,08,086.00**
						Qty above 125%		**1776.24**	**96.83**	**1,72,000.00**
131	KSRB 7.1 : Providing and fixing in position **collapsible steel shutters** with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 7.7 / 7.12									
	(P.No.31, I.No.7.1 of PW,P & IWTD S.R 2016-17)									
	Ground Floor									
	S1			2	3.50	--	3.150	22.05		
								22.05		
							Qty	**22.10**	5007.00	-
								Not operated		
132	**First Floor**									
	S1			1	3.50	--	3.150	11.03		
								11.03		
							Qty	**11.10**	5013.00	-
								Not operated		
133	**Second Floor**									
	S2			2	3.50	--	3.150	22.05		
								22.05		
							Qty	**22.10**	5019.00	-
								Not operated		
134	**Third Floor**									
	S2			2	3.5	--	3.150	22.05		
								22.05		
							Qty	**22.10**	5025.00	-
								Not operated		
135	**Terrece Floor**			1	3.50	--	3.150	11.03		
	S1							11.03		
							Qty	**11.10**	5032.00	-
								Not operated		
136	KSRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel lathsof convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 mSpecification No. KBS 7.10 / 7.12									
	(P.No.31, I.No.7.5 of PW,P & IWTD S.R 2016-17)									
	Ground Floor									
	Rolling Shutter			13.00	3.50	--	2.60	118.30		
	RS1			22.00	2.98	--	2.60	170.62		
	RS2							288.92		
						Qty upto 125%		**288.92**	**3553.00**	**10,26,533.00**
137	**First Floor**			28.00	3.30	--	3.30	304.92		
	RS1			22.00	2.90	--	3.20	204.01		
	RS2							508.93		
						Qty upto 125%		**508.93**	**3559.00**	**18,11,282.00**
138	Providing and fixing Stainless steel 304 Grade for staircase railing, Balconys Ramps with hand rails 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification									
	(P.No.43 I.No.7.38 of PW,P & IWTD S.R 2016-17)	Sqm		1.00	30.00	--	1.20	**36.00**	**7637.00**	-
								Not operated		

Scanned by TapScanner

Sl No	Description of work	Unit	No		Dimensions			Quantity	SB Rate	Amount
			N1	N2	L	B	D		in Rs.	In Rs.
139	KSRB 9-27.1 : Fixing of **door frame in an existing opening** including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.									
	(P.No.57, I.No.9.80 of PW,P & IWTD S.R 2016-17)									
	Second Floor									
	Door			6	--	--	Qty	6.00	1312.00	7,872.00
140	**Third Floor**									
	Door			5	--	--	Qty	5.00	1314.00	6,570.00
			TOTAL AMOUNT OF JOINERY WORK							5,44,45,496.00

Asst Engineer
RR Nagar Division (Project)
B.B.M.P.

Asst Exe Engineer
RR Nagar Division (Project)
B.B.M.P.

Executive Engineer
Rajarajeswarinagar Division (Project)
B.B.M.P.

Scanned by TapScanner

INERNAL ELECTRICAL WORKS

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
	Point wiring using copper wire without switch								
	Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using 1100V grade, copper conductor flecxible multistrand FRLS PVC insulated, 2x.1.5Sqmm cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/ PVC round block.complete for each outlet.								
	Point wirig using class A Materials								
141	a) Short point upto 3.0M from tapping point to outlet via switch box	Each	1	85			85.00	166.00	-
	Item no 2-2.3.1,-P No-5 Ele SR14-15						Not operated		
142	b) Medium point above 3.0M upto 6.0M from tapping point to outlet via switch box	Each	1	96			96.00	247.00	23,712.00
	Item no 2-2.3.2- P No 5Ele SR14-15								
143	c) Long point above 6.0M upto 10.0M from tapping point to outlet via switch box	Each	1	76			76.00	384.00	29,184.00
	Item no 2-2.3.3-P No 5Ele SR14-15								
144	d) Two outlet in a row, above 3.0M upto 6.0M from tapping point to outlet via switch box	Each	1	20			20.00	486.00	-
	Item no 2-2.3.4-P No 6 Ele SR14-15						Not operated		
145	e) Three outlet in a row, above 6.0M upto 10.0M from tapping point to outlet via switch box	Each	1	15			15.00	682.00	-
	Item no 2-2.3.5-P No 6 Ele SR14-15						Not operated		
146	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due								
	d)1-3Way	Each	1	16			16.00		
	Item no 3- 3.5.1-P No 15								
					Qty upto 125%		12.50	105.00	1,313.00
					Qty above 125%		3.50	104.60	366.00
147	d)6 Way	Each	1	28			28.00		
	Item no 3- 3.5.3-P No 15								
					Qty upto 125%		25.00	139.00	3,475.00
					Qty above 125%		3.00	139.09	417.00
148	d) 8Way	Each	1	78			78.00		
	Item no 3- 3.5.4-P No 15								
					Qty upto 125%		62.50	161.00	10,063.00
					Qty above 125%		15.50	160.93	2,494.00
149	e) 10-12Way	Each	1	64			64.00		
	Item no 3-3.5.5-P No 15								
					Qty upto 125%		37.50	183.00	6,863.00
					Qty above 125%		26.50	182.77	4,843.00
150	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.								
	a)1-3Module	Each	1	16			16.00		
	Item no 3- 3.6.1-P No 16								
					Qty upto 125%		12.50	125.00	1,563.00
					Qty above 125%		3.50	125.30	439.00

Scanned by TapScanner

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
151	b)6 Module	Each	1	56			56.00		
	Item no 3- 3.6.3-P No 16								
					Qty upto 125%		25.00	199.00	4,975.00
					Qty above 125%		31.00	198.86	6,165.00
152	c)8 Module	Each	1	78			78.00		
	Item no3-3.6.4-P No 16								
					Qty upto 125%		62.50	230.00	14,375.00
					Qty above 125%		15.50	229.90	3,563.00
153	d) 10Module	Each	1	20			20.00	261.00	-
	Item no3-3.6.5-P No 16						Not operated		
154	e) 12Module	Each	1	190			190.00		
	Item no 3-3.6.6-P No 16								
					Qty upto 125%		12.50	307.00	3,838.00
					Qty above 125%		177.50	306.92	54,478.00
155	Supplying and fixing of modular switch/socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate as per IS 3854								
	Group 'A' Material								
	a) 6Amps one Way	Each	1	154			154.00	72.00	11,088.00
	Item no3-3.7.1-P No 16								
156	b) 6Amps Two way	Each	1	6			6.00	100.00	-
	Item no3-3.7.2-P No 16						Not operated		
157	c) 6Amps 3way socket	Each	1	100			100.00	109.00	-
	Item no3-3.7.3-P No 16						Not operated		
158	d) Steeped fan Regulator	Each	1	206			206.00		
	Item no 3-3.7.4-P No 16								
					Qty upto 125%		137.50	329.00	45,238.00
					Qty above 125%		68.50	328.76	22,520.00
159	e) 16Amps one way switch	Each	1	16			16.00	131.00	2,096.00
	3-3.7.7-P No 16								
160	f) 6Amps Bell push	Each	1	2			2.00	100.00	-
	3-3.7.8-P No 16						Not operated		
161	g) 6/16Amps universal socket	Each	1	16			16.00	169.00	2,704.00
	Item no 3-3.7.10-P No 16								
162	h) TV/Telephone socket	Each	1	6			6.00	94.00	-
	Item no 3-3.7.11-P No 16						Not operated		
163	Supply and fixing of 6Amps bell buzzer on existing switch board.								
	3.15.8-18	Each	1	4.00			4.00	134.00	-
							Not operated		
	CONCEALED Conduit System:								
164	Supplying following size heavy guage PVC conduit pipe and following thick confirming to IS 2509 with suitable size bends, Metal/PVCjunction boxes, adhesive paste etc, and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures run with 18SWG GI fish wire where ever necessary								
	a) 19mm dia 2mm thick	Mtr	1	3660			3660.00		
	Item no1-1.2.1- P no 2								
					Qty upto 125%		2500.00	49.00	1,22,500.00
					Qty above 125%		1160.00	49.43	57,337.00

Scanned by TapScanner

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
165	b) 25mm dia 2mm thick	Mtr	1	1485			1485.00		
	Item no1-1.2.2- P no 2								
					Qty upto 125%		1250.00	66.00	82,500.00
					Qty above 125%		235.00	65.52	15,398.00
166	c) 32mm dia 2.5mm thick	Mtr	1	63			63.00	103.00	6,489.00
	Item no1-1.2.3- P no 2								
167	Supplying heavy gauge pvc conduit pipe ...dia...mm thick with suitable size bends, metal Junction boxes adhesive paste etc..,by groove cutting in the wall and fixing by bracing U & J hooks and Cement plasteriing upto the wall surface and run wirh 18 SWG GI fish wire								
a	19/ 20 mm dia 2mm thick	Mtr	1	1501			1500.60	64.00	96,038.00
	Item no 1-1.3.1- P no 2								
168	25 mm dia 2mm thick	Mtr	1	500			500.00	67.00	-
	Item no 1-1.3.2- P no 2						Not operated		
169	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100v grade, multisand Copper with low conductor resistance single core wire in open or consealed system of wiring with specified IS-694:1990 & confirming to GTP of Group-A.								
	a) 1.5sqmm	M	1	2000			2000.00	21.00	-
	Item no-2-2.5.2- P No -6						Not operated		
170	b) 2.5sqmm	M	1	3000			3000.00	34.00	-
	Item no2-2.5.3-P No -6						Not operated		
171	c) 4sqmm	M	1	1500			1500.00	48.00	-
	Item no 2-2.5.4-P No -6						Not operated		
172	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.I - Single Door								
	8Way SP &N -	Each	1	68			68.00		
	Item no-6-6.17.2-P No -47								
					Qty upto 125%		68.00	995.00	67,660.00
173	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door								
	6Way TP & N	Each	1	2			2.00	3296.00	-
	Item no-6-6.17.8 II -P No -47						Not operated		
174	Supplying, fixing and wiring Earth Leakage Miniature Circuit Breaker (ELMCB) 240/450V uoto 300mA sensitivity on exisiting wood/panel board.								
b	32- 40 Amps 4 pole	Each	1	1			1.00	3375.00	-
	Item no-6-6.18.3-P No -47						Not operated		
175	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required. confirming to IEC 60898.								
	5-32A SP MCB	Each	1	60			60.00	480.00	-
	Item no-6-6.16.1-P No -47						Not operated		
176	5-32AMPS DB MCB	Each	1	2			2.00	976.00	-
	Item no-6-6.16.4-P No -47						Not operated		
177	5-32AMPS TPN MCB	Each	1	1			1.00	1778.00	-
	Item no-6-6.16.5-P No -47						Not operated		

Scanned by TapScanner

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
	Supply of Fittings								
178	FLUORESCENT LIGHT FIXTURES								
	Supplying Patti type fluorescent tube light fitting of 4' - suitable for 28 W fluorescent tube fitting made out of MS sheet and stove enamelled withHF Electronic Ballast locking type brass contact holder mounted on double fold								
a	PWD Electrical SR(2014-15) P-20, I - (4.6)	No		100			100.00	769.00	-
							Not operated		
179	Supplying and fixing PBBC bakelite straight or slant batten holder and wiring with 60W/230 VOLTS/18W CFL lamp								
	Item No 4-4.2-P No -20	Each	1	25			25.00	101.00	-
							Not operated		
180	Supplying and. fixing cast Aluminium round or oblong type bulk head fitting with GI wire guard, glass cover with 15Watts 230V CFL lamp as required								
	Item no-4-4.4-P No -20	Each	1	8			8.00	1094.00	8,752.00
181	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5								
	LED modular down light 2'x2'-36 watts	No	1	6			6.00	9474.00	-
	Item no-4-4.33.1 & 2 -P No -26						Not operated		
182	Supplying CFL Mirror light fitting with 1x11W CFL lamp, choke, perspex cover and completely wired for use on 230V 50Hz AC Supply.								
		Each	1	4			4.00	745.00	-
	Item no-4.23-P No -24						Not operated		
183	Supplying of 1440rpm heavy duty eahust fan with bracket blades suitable for operate on 230V 50Hz, AC Supply complete.								
	12" sweep	Each	1	4			4.00	1954.00	-
	Item no-9-9.1-P No -78						Not operated		
184	Supplying capacitor type 48" sweep ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. single phase AC supply confirminf to ISS-374-1979 and with double ball bearing system.								
	Economy Model								
	Page,78 Item No: 9.3.1.2, Of Ele SR - 2014 2015	Each	1	70			70.00	2184.00	-
							Not operated		
185	Supplying wall mounting fan suitable to operate at single phase 230V AC Supply.								
	400mm sweep	Each	1	2			2.00	2913.00	-
	Item no-9-9.4.2-P No -78						Not operated		
186	Fixing all types and allcapacities fluorescent / false ceiling/spotlight/ CFLfittings indoor on the wall/ ceiling/rafters / girders using 23/0.0076" twin twisted RVC insulated wires, required nos of round blocks and clamps (if required)								
	a)On wall/ceiling/Rafters/Girders	Each	1	139			139.00	113.00	-
	Item no-17-17.7.1-P No -108						Not operated		

Scanned by TapScanner

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
187	Fixing a ceiling/Wall mounting fan of all capacities and all types to the existing S hook together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring completely.								
		Each	1	236			236.00		
	Item no-17-17.8-P No -109								
	Item no-17-17.2.2-P No -108								
					Qty upto 125%		95.00	160.00	15,200.00
					Qty above 125%		141.00	159.78	22,529.00
188	Fixing charges of post top/Gate/Garden fitting/ LED on the existing CI/ GI or any other pipe using required size of reducer, wiring using suitable wires etc., complete.								
	Item no-17-17.6-P No -108	Each	1	2			2.00	167.00	-
							Not operated		
	NETWORKING & TELECOMMUNICATION								
189	Supplying and drawing PVC Flexible one pair telephone unarmoured tinned copper cable - **3 Pair**								
		Rmt	1	500			500.00	18.00	-
	page,85 Item, No: 11.2.3, Of Ele SR - 2014-2015						Not operated		
190	Supplying and drawing PVC Insulated Gas injected physical Foam jelly floaded co-Axial TV Cable RG-6								
	page,85 Item, 11.3, Of Ele SR - 2014-2015	Rmt	1	500			500.00	40.00	-
							Not operated		
191	Supplying & Drawing UTP- CAT 6E-LAN Cable								
	Group- A	Rmt	1	500			500.00	26.00	-
	page,85 Item No: 11.1, Of Ele SR - 2014-2015						Not operated		
192	**Supplying & fixing of network switches.**								
	24 Port Gigabyte (Manageable)	Each	1	1			1.00	36382.00	-
	page,85 Item No: 11.9.2, Of Ele SR - 2014-2015						Not operated		

Scanned by TapScanner

Sl No	Description	unit	L1	L2	B	H	Qty	SB Rate	Amount
193	MECHANICAL LIFT FOR BUILDING (G + 3 Floors)								
	Design Supplying , erecting testing and commissioning pf **13 passanger** / hospital lift with speed of 1.0Mtr per second variable voltage, variable frequency drive, with or without machine room for the available well size, operating at 415V Three phase 50 cycles AC Supply powder coated or stainless steel car enterance door enclosures with flooring car illumination emergencey light intercom and fan as desired by the user, central opening / side opening door with or without attendant operantion, 7 segment display kids buttons call register indicator fireman ddrive, SS Handrails inside car full length infra-red curtain in car door automatic rescue device voice announciation in reginal languages braile buttons with one year warranty and maintenance. the work includes providing shaft scafolding, attending minor builder work such as making nitches of fixing of brackets guide rails, counter weights etc., including obtaining lift running liecence from the compentent authority.								
	With machine Room-SS Finish 4 Stops 13 Passengers								
	Page 93, Item No 14.2, Of Ele SR - 2014-2015	Each	1	--	--	--	1.00	2568558.00	-
							Not operated		
							Total amount for Electrification work		7,50,175.00

Asst Engineer
RR Nagar Division (Project)
B.B.M.P.

Asst Exe Engineer
RR Nagar Division (Project)
B.B.M.P.

Executive Engineer
Rajarajeswarinagar Division (Project)
B.B.M.P.

Scanned by TapScanner

EXTERNAL ELECTRICAL WORKS

Sl No	Description	Unit	No	L	B	H	Qty	SB Rate	Amount
194	Supplying erection, testing and commissioning of 3Way 11KV Load Break switch with connected accessories, hardwares etc., suitable for outdoor type complete as per IS standard technical specification. LBS should be approved by BESCOM.								
	Item no 8-8.13 -P No-76 Ele SR14-15	Each	1				1.00	3,06,693.00	-
							Not operated		
195	Supplying erection, testing and commissioning of Load Break switch with 4 wire -(with neutral) metering cubicle and connected accessories, hardwares etc., suitable for outdoor type complete as per IS standard technical specification. LBS should be approved by BESCOM.								
	Item no 8-8.12 -P No-76 Ele SR14-15	Each	1				1.00	3,67,825.00	-
							Not operated		
196	Supplying, erection, testing and commissioning100KVA Capacity Copper wound distribution transformer 11KV/433V with Off Load Tap Switch, Buchholtz relay winding temperature indicator, oil temperature indicator, marshalling box with wiring, magnetic oil level indicator with +5% to -10% steps of 2.5% with HT and LT cable end boxes including all standard accessories as per latest IS standard technical specification.								
	Item no 8-8.10.2 -P No-76 Ele SR14-15	Each	1				1.00	3,77,841.00	-
	HT Cables						Not operated		
197	Supplying and laying of high tension 11KV cable dry curing & dry cooling with true triple extrusion, simultaniously through a single common head, 3core under ground XLPE cable having stranded compact circular aluminium conductor, screened insulated, insulation screened with extruded semiconducting compound in combination with copper tape, core laid up inner sheathe of PVC tape GI flat strip armoured and overall PVC sheathed with specified IS 7098/11/85 with latest amendments & confirming to the GTP of Group-A								
	3Cx95Sqmm								
	Item no 8-8.3.1-P No-71 Ele SR14-15	Mtr	1.00	50.00			50.00	1,195.00	-
							Not operated		
198	Supplying and making 11KV(E) Extruded "X" linked for tubing & moulded & cross linked components using heat shrink stress control tube having high permitivity XLPE terminations- INDOOR & OUTDOOR JOINTING KIT & confirming to the GTP.								
	OUT DOOR								
	3Cx/95/120Sqmm	Kit	1	2			2.00	11,619.00	-
	Item no 8-8.2.1-P No-68 Ele SR14-15						Not operated		
	IN DOOR								
199	3Cx95/120Sqmm	Kit	1	6			6.00	9,625.00	-
	Item no 8-8.2.5-P No-68 Ele SR14-15						Not operated		
	M V Panels								
	Note :								
	All materials and workmanship shall be to standards / consultants approval and shall comply with BESCOM, CEIG & MVPCC technical specification enclosed								
	Supply, installation and testing (SI&T) of following extensible cubicle type floor mounted main panel board. The panels shall be of Compartmentalized in construction. The panel frame shall be made out of 3 mm folder sheet / /angle iron frame, doors and body of 14 / 16G MS sheet ,duly painted and wired,								
	All the SFUs shall be provided with HRC fuse of rating as shown in schematic								
	All the panels fabrication shall comply with KPTCL & Electrical Inspectorate and complete as required								
	All the MCCB's shall have adjustable over current setting, front door kit and pad locking arrangement								
	Same as detailed above but inclusive of providing separate individual cubicle to house 3Ph/1Ph energy meters on 4mm thick hylam sheets with hinged doors including providing wiring for energymeter connections and MCBs connections routed in 25/20mm dia HGMS conduits complete with earth bus and tapping terminals to meet BESCOM requirements.								
	LT Kiosk Panel								

Scanned by TapScanner

Sl No	Description	Unit	No	L	B	H	Qty	SB Rate	Amount
	As per Annexure - A	Set	1				1.00	5,23,657.00	-
							Not operated		
	Main Panel								
	As per Annexure - B	Set	1						
	Lift Panel								
	As per Annexure - E	Set	1						
232	Chemical earthing for grounding, conduits, IC cutouts & other equipments on the meter board by using copper bonded / SS rod with earth enhancing bcakfill compound which is noncorrosive thermally conductive, potential to permissibel limits, superior fault conduction capacity, non toxic, weather resistance & capable of achieving Ohmic value less than one Ohm.								
	Using 10ft copper bonded rod with backfill compound								
	Item no 7-7.23.3-P No-64 Ele SR14-15	Each	1	16			16	8621.00	-
							Not operated		
233	Supplying and running of GI/copper strips for grounding connections, using necessary fixing materials as required.								
	GI Strip								
	25x3mm								
	item No7-7.3.1-P No55	Mtr	1	30			30	89.00	-
							Not operated		
234	25x6mm								
	Item No7-7.3.2- P. No55	Mtr	1	20			20	136.00	-
							Not operated		
235	**Copper Strip**								
	25x3mm								
	Item No7-7.3.6- P no 55	Mtr	1	10			10	601.00	-
236	25x6mm						Not operated		
	Item No7-7.3.7-P.No55	Each	1	10			10	1170.00	-
							Not operated		
237	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class								
	Class 'A' PVC cable								
	4Core 10Sqmm	Mtr	1	50			50	137.00	-
	Item No7-7.4.2-P No 55						Not operated		
238	3.5Core 150Sqmm	Mtr	1	50			50	756.00	-
	Item No7-7.4.11-P No 56						Not operated		
239	Labour charges for layingof 1.1 KVclass UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall/ on pole as required.								
	In existing trench/duct								
	6sqmm to 16sqmm								
	Item No7-7.8.1- P. No61	Mtr	1	85			85	12.00	-
							Not operated		
240	185sqmm to 240sqmm								
	Item No7-7.8.4- P. No61	Mtr	1	50			50	31.00	-
							Not operated		
	On wall/structure								
241	6sqmm to 16sqmm								
	Item No7-7.8.6-P No 61	Mtr	1	15			15	36.00	-
							Not operated		
242	185sqmm to 240sqmm								
	Item No7-7.8.9-P No 61	Mtr	1	10			10	51.00	-
							Not operated		

Scanned by TapScanner

Sl No	Description	Unit	No	L	B	H	Qty	SB Rate	Amount
243	Digging of trench of 0.6m deep x 0.50 mtr wide refiling the trench to the required ground level and consolidating etc., complete.(As . per Civil SA KSAB 1-2, P-7)								
	in soil (ordinary)								
	Item No7-7.9.1-P No 62	Mtr	1	20			20	90.00	-
							Not operated		
244	Providing and filling sand in excavated trench to cover already laid UGcable to a depth of 150mm alround the cable.								
	Item No7-7.10-P No 62	Mtr	1	20			20	118.00	-
							Not operated		
245	Providing and laying in position 100mm dia stone ware pipe in exisitng trench.								
	Item No7.7.11 P No 62	M	1	20			20	256.00	-
							Not operated		
246	Supplying and fixing of class A (mediumduty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UGcable of 1.1 KVclass.								
	80mm								
	Item No7-7.12.4-P No 62	Mtr	1	9			9	816.00	-
							Not operated		
247	Supplying and fiixing of heavy duty cable glands suitable for UG cable of 1.1 KVclass (metal only)								
	75mm dia								
	Item No7-7.14.7-P No62	Each	1	2			2	590.00	-
							Not operated		
248	100mm dia								
	Item No7-7.14.8-P No62	Each	1	5			5	1,147.00	-
							Not operated		
249	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes								
	16Sqmm Long Barrel								
	Item No 7-7.21.6-P No64	Each	1	20			20	13.00	-
							Not operated		
250	25Sqmm Long Barrel								
	Item No 7-7.21.7-P No64	Each	1	5			5	24.00	-
							Not operated		
251	150Sqmm Long Barrel								
	Item No 7-7.21.13-P No64	Each	1	5			5	278.00	-
							Not operated		
252	185Sqmm Long Barrel								
	Item No 7-7.21.14-P No64	Each	1	4			4	389.00	-
							Not operated		
	FENCING								
253	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete)								
	(P.No.266 I.No.37.2 of KPWD S.R 2018-19)	Mtr	12	3.00	--	--	36.00	1066.00	-
							Not operated		

Scanned by TapScanner

Sl No	Description	Unit	No	L	B	H	Qty	SB Rate	Amount
254	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint								
	(P.No.266 I.No.37.3 of KPWD S.R 2018-19)	Sqm	1	20.00	--	2.00	40.00	888.00	-
							Not operated		
					Total for External Electrical				-

Asst Engineer
RR Nagar Division (Project)
B.B.M.P.

Asst Exe Engineer
RR Nagar Division (Project)
B.B.M.P.

Executive Engineer
Rajarajeswarinagar Division (Project)
B.B.M.P.

Scanned by TapScanner

PLUMBING AND SANITARY WORKS

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate	Amount
			N1	L	B	D		in Rs.	in Rs.
	INTERNAL SANITARY FIXTURES								
255	KSRB 11-5 : Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(PW,P&IPTD B ZONE 2016-17 - Item No. - 12.5, Page No. 77)	Each	1	8.00	--	--	8.00	6369.00	50,952.00
256	KSRB 11-4 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(PW,P&IPTD S ZONE 2016-17 - I No. - 12.2, Page No. 77)	Each	1	8.00	--	--	8.00	5383.00	43,064.00
257	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11								
	(P.No.80, I.No.12.23 of PW, P& IWTD SR 2016-17)	Nos	1	16			16.00	4824.00	77,184.00
258	KSRB 11-9.2 : Providing and fixing white vitreous china clay, flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps, C.I. trap with outlet grating and other couplings in C.P brass painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 1								
	(P.No.79, I.No.12.16 of PW, P& IWTD SR 2016-17)	Nos	1	8			8.00	10323.00	82,584.00
259	Providing fixing C.P brass towel rail 600mm length, 20mm dia with C.P brackets,fixed to wooden cleats with C.P brass screws including cost of materials,labour complete as per specifications. Make: Jaquar, Range-continental , Model No-1121								
	(P.No.85, I.No.12.46 of PW, P& IWTD SR 2016-17)	Unit	1	12			12.00	881.00	10,572.00
260	KSRB 11-15.1 : Providing and fixing 600x450mm bevellead edge mirror of superior glass with 6mm hard board backing and fixed to wooden cleats with C.P screws, washers, including cost of materials, labour complete as per specifications.								
	(P.No.82, I.No.12.39 of PW, P& IWTD SR 2016-17)	Unit	1	16			16.00	1553.00	24,848.00
261	Supply, fixing, testing and commissioning of 20 mm CP brass bib cock with wall flange and suitable length extension pipe etc,. complete as per specification.								
	(P.No.91, I.No.13.24 of PW, P& IWTD SR 2016-17)	Nos	1	16			16.00	302.00	4,832.00
262	Providing and fixing in position brass stop cock of approved quality 20 mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. etc,. ,. complete as per specification.								
	(P.No.91, I.No.13.27 of PW, P& IWTD SR 2016-17)	Nos	1	16			16.00	199.00	3,184.00
263	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms								
	(P.No.88, I.No.12.113.1 of PW, P& IWTD SR 2016-17)	Nos	1	32			32.00	310.00	9,920.00
264	KSRB 2-2.1: Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m.after breaking of clods complete as per specification. Specification. No.KBS 2.1(a)/2.3.5								
	(P.No.5, I.No.2.3 of PW, P& IWTD SR 2016-17)								
	Qty Include All Plumbing Related Works	Cum	1	100	0.6	0.6	36.00	235.00	-
							Not operated		

Scanned by TapScanner

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate	Amount
			N1	L	B	D		in Rs.	in Rs.
265	Providing & fixing Chorinated Poly Venyl Chloride **(CPVC)** 20 mm dia pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00m spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and cost of cutting chases and making good the same including testing of joints complete. **(concealed work including cutting chases and good the walls etc.)**								
	(P.No.96, I.No.13.86.2 of PW, P& IWTD SR 2016-17)								
	20mm dia (-do- with I.No. 13.86.2)								
	Internal plumbing Qty (Conceiled in wall)	Rmt.	8	20					
							150.00	261.00	39,150.00
266	Providing and fixing chorinated poly venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (External work)								
	(P.No.97, I.No.13.87.2, & 3 of PW, P& IWTD SR 2016-17)								
	20mm dia								
		Rmt.	1	78					
							78.00	155.00	12,090.00
267	25mm dia (-do- with I.No. 13.87.3)								
		Rmt.	1	96					
							96.00	205.00	19,680.00
268	32mm dia (-do- with I.No. 13.87.4)								
	Sump to O/H tank	Rmt.	1	81					
							81.00	267.00	21,627.00
269	KSRB13-6.3-7: Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 32**mm** nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3								
	(P.No.92, I.No.13.35 of PW, P& IWTD SR 2016-17)								
	-do'- with 32 mm dia (Screwed ends)	Nos.	1	3					
							3.00		
					Qty upto 125%		2.50	1208.00	3,020.00
					Qty above 125%		0.50	1207.94	604.00
270	KSRB13-6.4-2 : Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS								
	25mm dia nominal	Nos.	1	2			2.00	752.00	-
	(P.No.92, I.No.13. 42 of PW, P& IWTD SR 2016-17)						Not operated		
271	Supply, installation, testing and commissioning electrically driven SUBMERSIIBLE pump of capacity 2HP / 1.5 KW with 12 stages Single phase, 50Hz, 400/440V AC supply with necessary non-return valves, butterfly valves„Pressure gauge & Pressure switch with inter-connecting wiring etc., complete as per standard design. (For pumping the domestic water from the underground sump to the overhead water tank).								
	(P.No.XXXIV, I.No.12 of PW, P& IWTD SR 2016-17)								
	Make/Brand :ATALANTA,SUGUNA, C.R.I.,KIRLOSKAR	NOS	1	1			1.00	19243.00	-
							Not operated		
	OVER HEAD TANK ACCESSORIE								
272	Supplying **water storage tanks made of virgin polymer (LLDPE)** with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications.								
	(P.No.94, I.No.13.78 of PW, P& IWTD SR 2016-17)	litres	1	2			2.00	10549.00	21,098.00

Scanned by TapScanner

Sl No	Description of work	Unit	No	Dimensions			Quantity	Rate	Amount
			N1	L	B	D		in Rs.	in Rs.
	INTERNAL SANITARY SYSTEM								
	SOIL VENT AND RAIN WATER PIPES								
273	Providing and fixing to wall, ceiling and floor unplasticised 110 mm dia PVC Pipes of 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications								
	(P.No.88, I.No.12.116.1 of PW, P&IWTD SR 2016-17)								
	110 mm dia	Rmt	3	20			60.00		
	110 mm dia Rain water pipes		27	9.00			243.30		
							303.30		
					Qty upto 125%		225.00	511.00	1,14,975.00
					Qty above 125%		78.30	511.48	40,047.00
274	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgf/sq.cm working pressure chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials,with 110mm outer dia								
	(P.No.75, I.No.11.56.2 of PW, P&IWTD SR 2016-17)								
	110 mm dia for sewer line	Rmt	1	4	12		48.00		
			1		45		45.00		
							93.00	854.00	79,422.00
275	160 mm Dia	Rmt	1	50			50.00	1800.00	-
							Not operated		
276	KSRB 12-8.1 : Constructing brick masonry inspection chamber 600 x 600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame (light duty) 600 x 600mm								
	(P.No.73, I.No. 11.50.1 of PW, P& IWTD SR 2016-17)								
	IC for Sewage	each	1	5			5.00	11116.00	55,580.00
							Not operated		
			Total amount for Plumbing & Sanitary work						7,14,433.00

B.K.
Asst Engineer
RR Nagar Division (Project)
B.B.M.P.

B.K.
Asst Exe Engineer
RR Nagar Division (Project)
B.B.M.P.

Executive Engineer
Rajarajeswarinagar Division (Project)
B.B.M.P.

Scanned by TapScanner